

## ABSTRACT

An antenna device comprising: a substrate; a ground conductor provided on the bottom surface of the substrate; a radiation conductor, with a partial cutout, provided on the top surface of the substrate; a ground terminal provided on the partial cutout of the radiation conductor; a conductor connecting the ground conductor with the ground terminal; and a feed terminal connected to the radiation conductor, wherein the ground terminal and the feed terminal are connected via an IC chip is provided. The configuration can realize an antenna device capable of feeding electric power through the IC chip, and of operating even on a metal plate fully well. A radio communication system using the antenna device is provided additionally.

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